

CFM DW 216

QTY 1



INTERNATIONAL TRANSDUCER CORP.
Subsidiary of Channel Technologies
869 Ward Drive Santa Barbara, CA 93111



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Gentlemen:

Please find the enclosed applicable test data/certifications, as
required, per your contract no. P09472

Should you have any questions concerning test results or product
performance, please contact PABLO CANSINO

Project Engineer

SINCERELY YOURS:

A handwritten signature in cursive script, appearing to read 'C. Madison', written over a horizontal line.

CURT MADISON
Manager, Quality Assurance
Extension #537

SINCERELY YOURS:

A handwritten signature in cursive script, appearing to read 'Albert Rodriguez', written over a horizontal line.

Albert Rodriguez
(Final Inspections)
Extension #534

UNCLASSIFIED

CFM DW 216 Ser. No. 23176

w.o. 4341

INTERNATIONAL TRANSDUCER

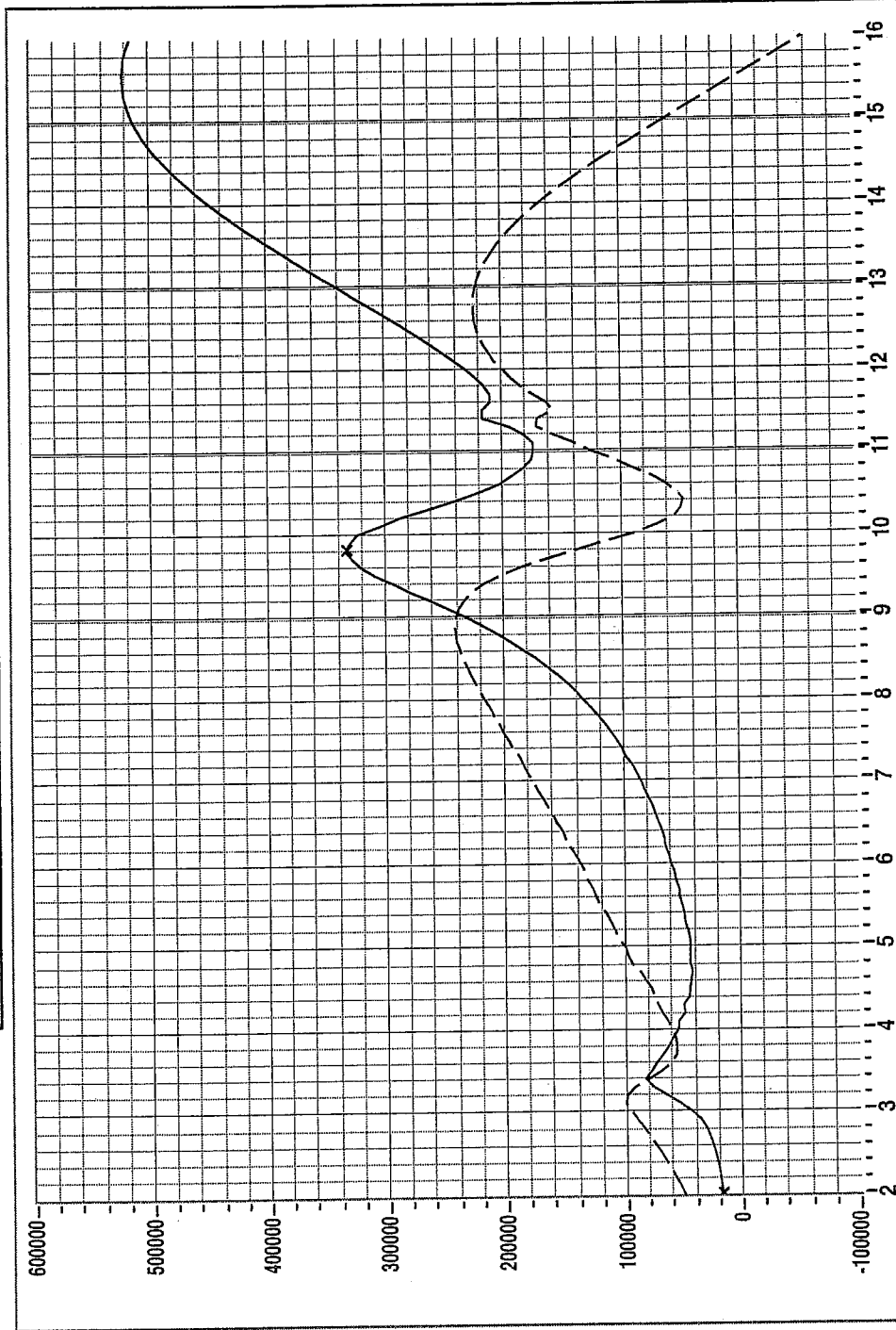
Tank 1

Water Temp: 16 deg C

869 Ward Dr. Santa Barbara, CA

Tue, May 09, 2006 9:00:54 AM

Water Admittance



Conductance/
Susceptance (umhos)

Conductance
Susceptance



Cursor 1

9.80

333795.50

x



Frequency (kHz)

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CFM DW 216 Ser. No. 23176

Water Temp: 16 deg C

Test Dist : 2 m

Test Depth : 2 m

Stand: 6084#8

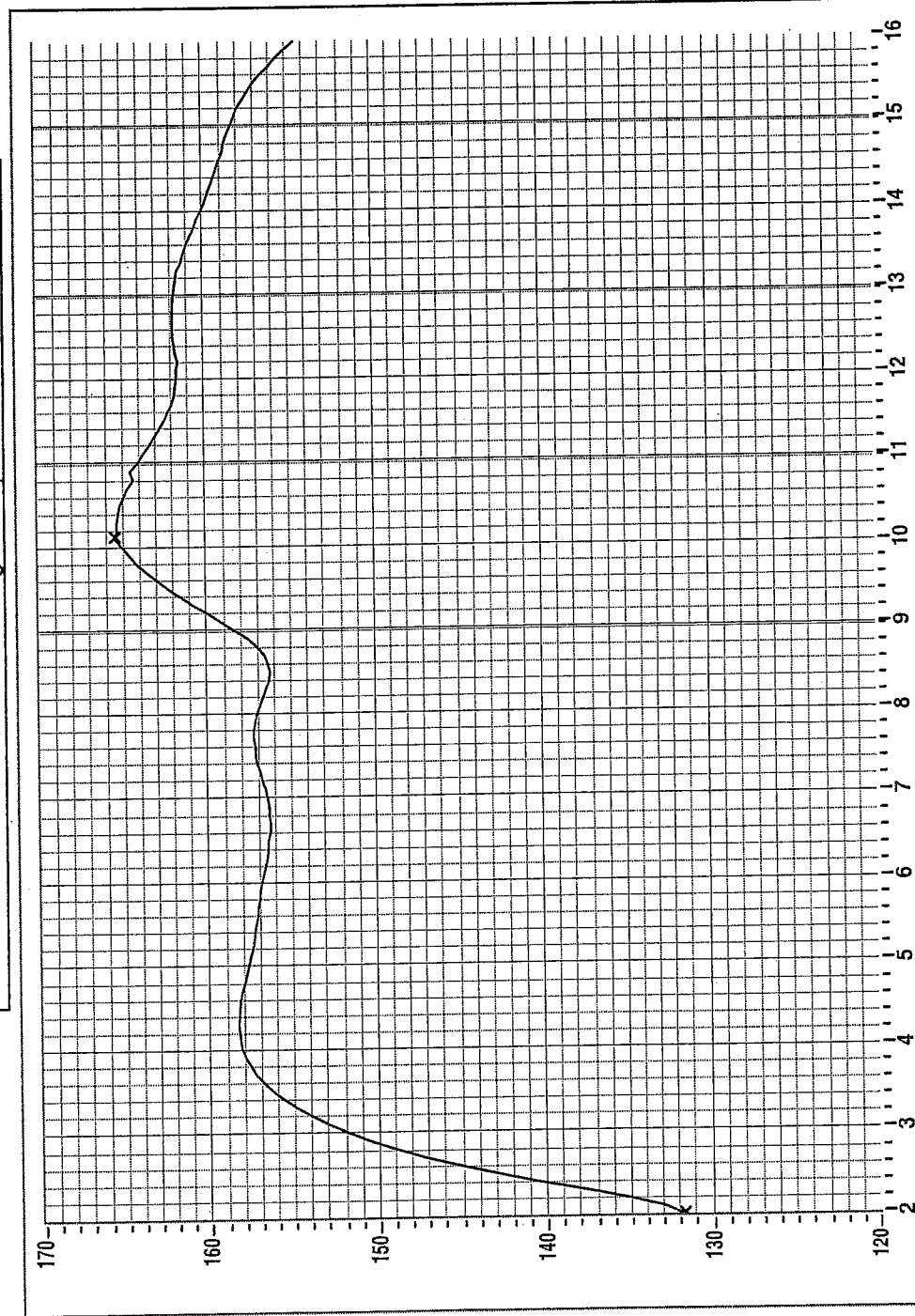
INTERNATIONAL TRANSDUCER

Tank 1

869 Ward Dr. Santa Barbara, CA

Tue, May 09, 2006 9:29:49 AM

Transmit Voltage Response



Transmit voltage
response (dB/uPa/V @
1m)



Cursor 1

10.10

165.47

x



Frequency (kHz)

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CFM DW 216

Serial Number 23176

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Cable @ 180 deg.

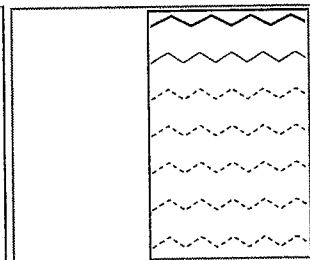
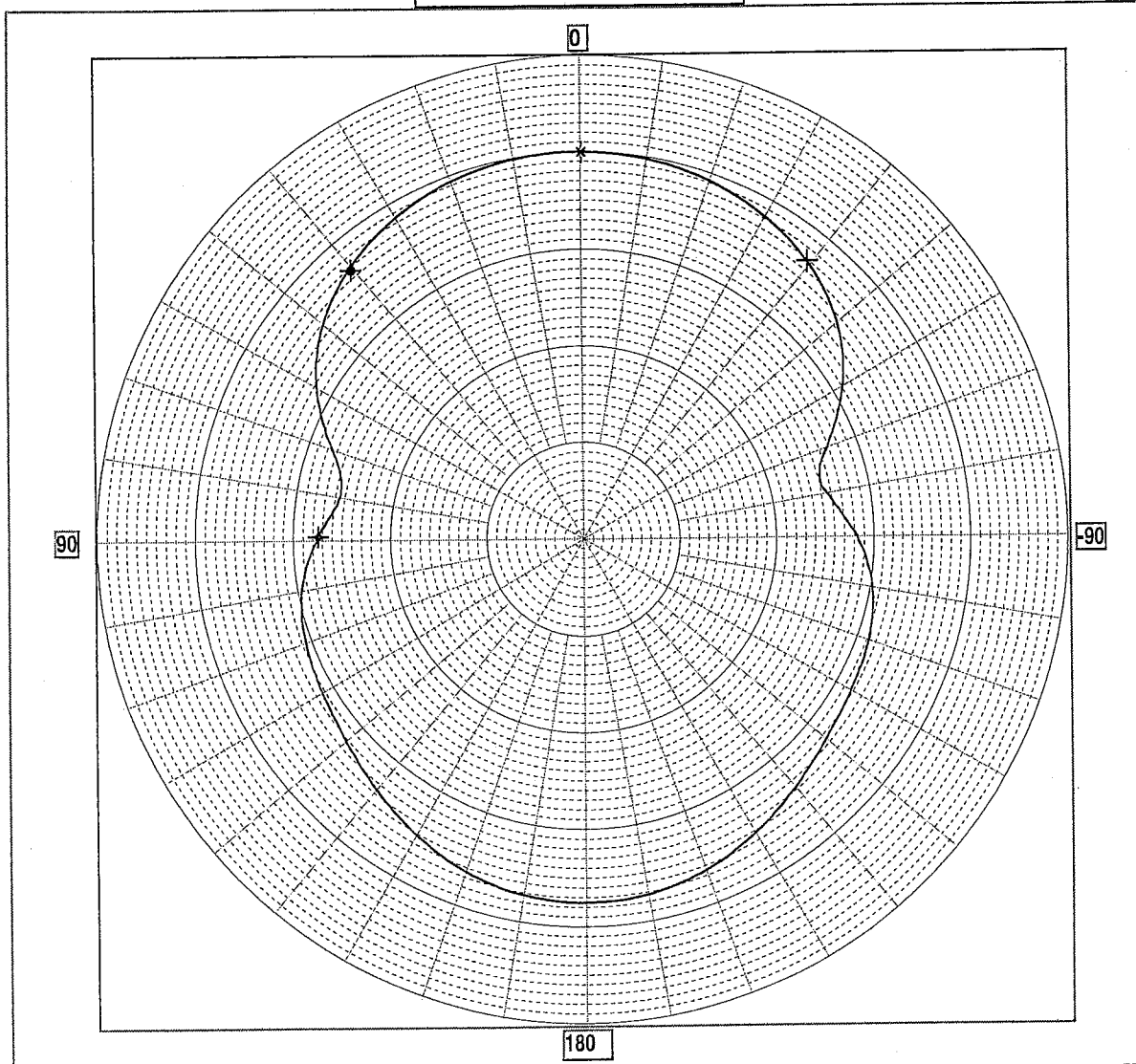
Tank 1

869 Ward Dr. Santa Barbara, CA

Tue, May 09, 2006 9:38:12 AM

Directivity Pattern XZ Plane

2 kHz



Graph Info.

Outer Circle 10 dB
Center -40 dB
dB/Div 1 dB

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Angle

Ord

Cursor 1	0.00	0.00	☐	☐	☐
Cursor 2	40.43	-3.05	☐	☐	☐
Cursor 3	-39.00	-3.11	☐	☐	☐
Cursor 4	88.97	-12.56	☒	☐	☐



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Serial Number 23176

INTERNATIONAL TRANSDUCER

Cable @ 180 deg.

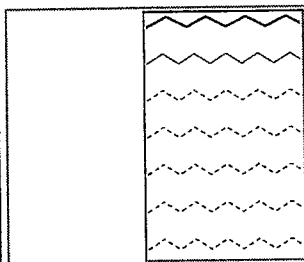
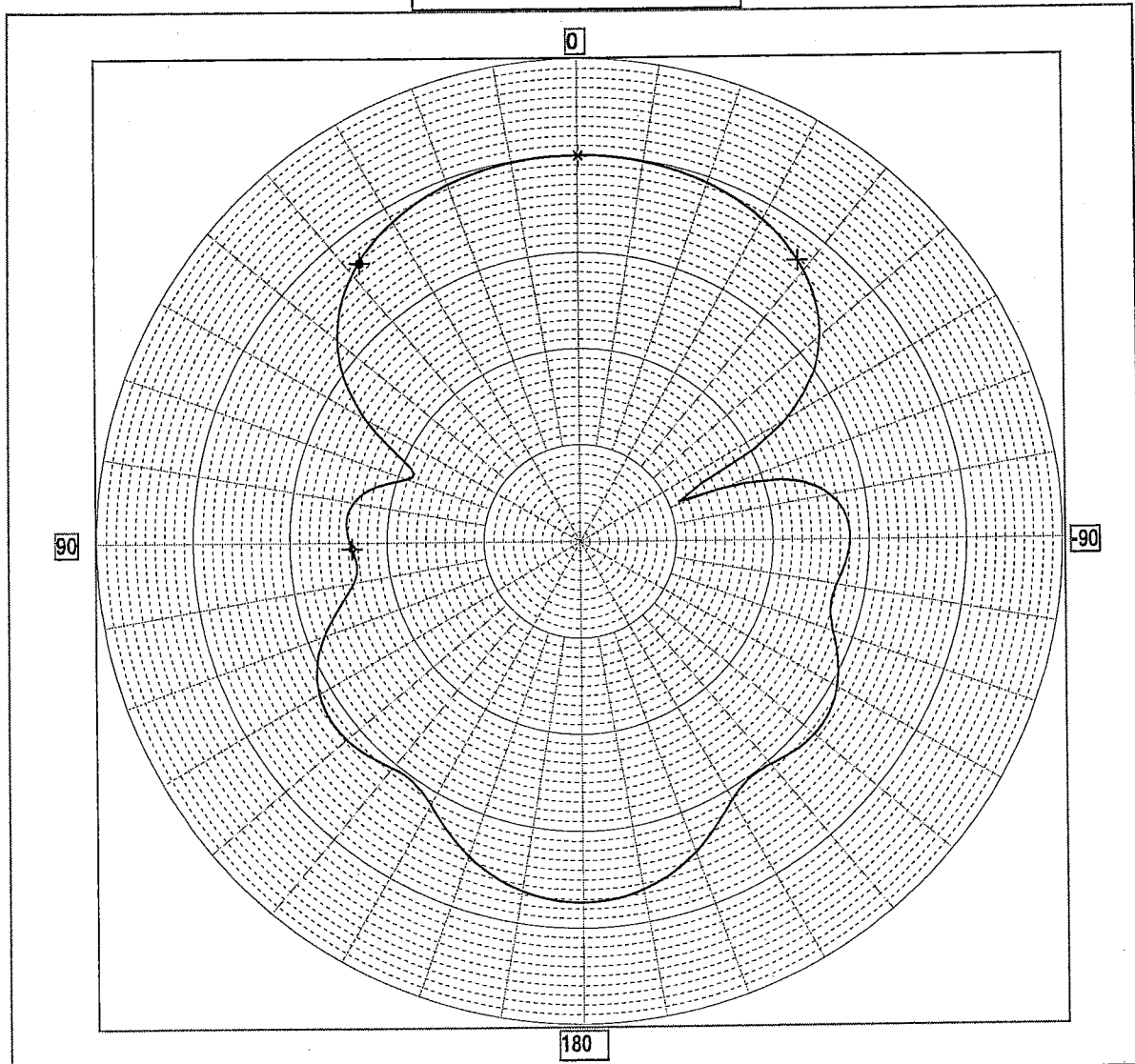
Tank 1

869 Ward Dr. Santa Barbara, CA

Tue, May 09, 2006 9:35:51 AM

Directivity Pattern XZ Plane

6 kHz



Graph Info.

Outer Circle 10 dB
Center -40 dB
dB/Div 1 dB

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Angle

Ord

Cursor 1	0.00	-0.04		
Cursor 2	38.04	-3.13		
Cursor 3	-37.90	-3.09		
Cursor 4	-268.70	-16.31		



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CFM DW 216

Serial Number 23176

INTERNATIONAL TRANSDUCER

Cable @ 180 deg.

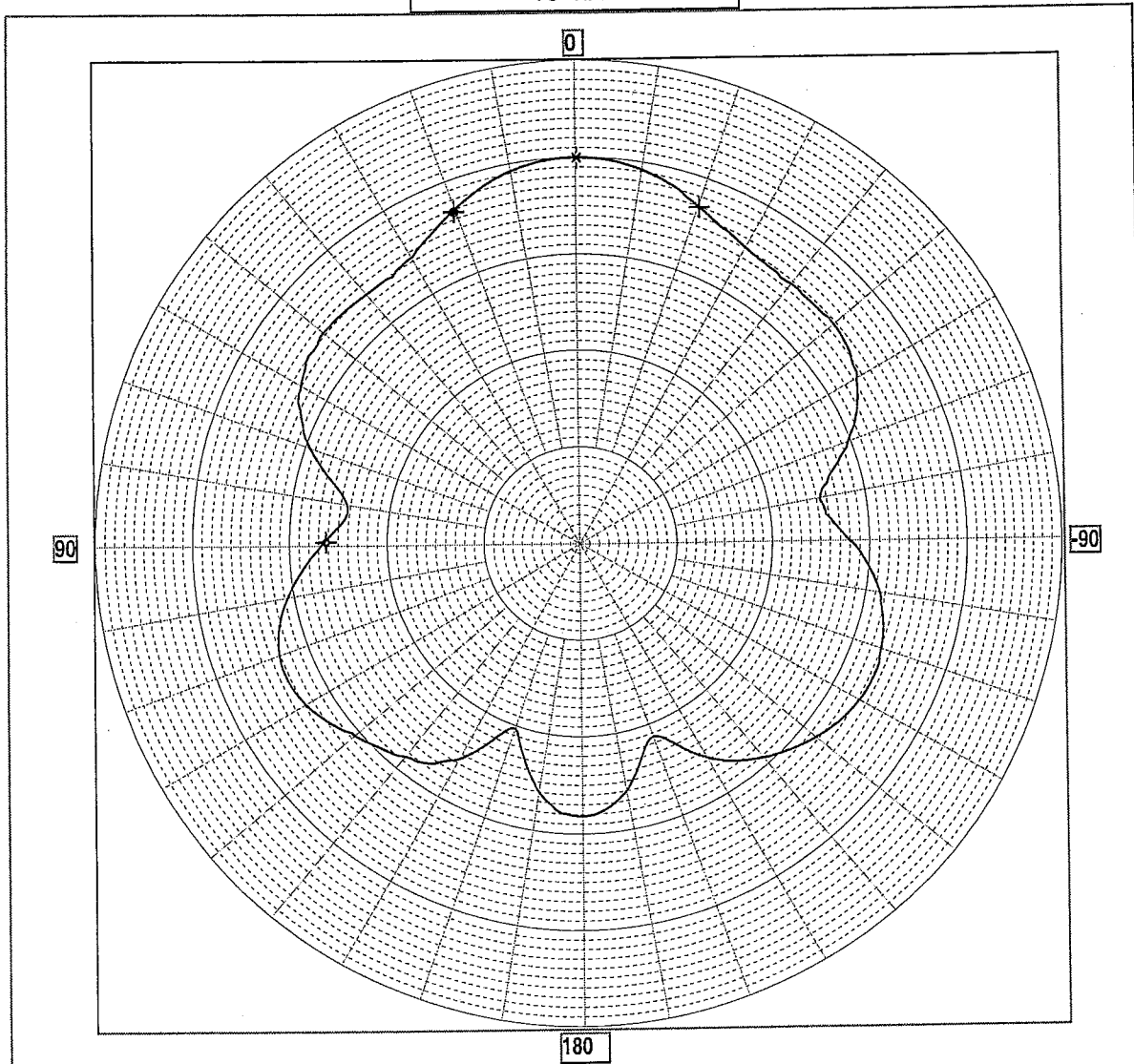
Tank 1

869 Ward Dr. Santa Barbara, CA

Tue, May 09, 2006 9:33:46 AM

Directivity Pattern XZ Plane

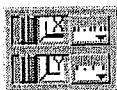
10 kHz



Graph Info.

Outer Circle 10 dB
Center -40 dB
dB/Div 1 dB

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Angle

Ord

Cursor 1	0.00	0.00	☐	☒	☐
Cursor 2	20.28	-3.08	☒	☒	☐
Cursor 3	-20.10	-3.03	☐	☒	☐
Cursor 4	88.95	-13.67	☐	☒	☐



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Serial Number 23176

INTERNATIONAL TRANSDUCER

Cable @ 180 deg.

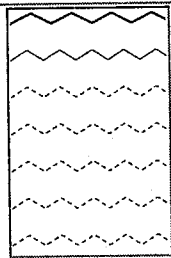
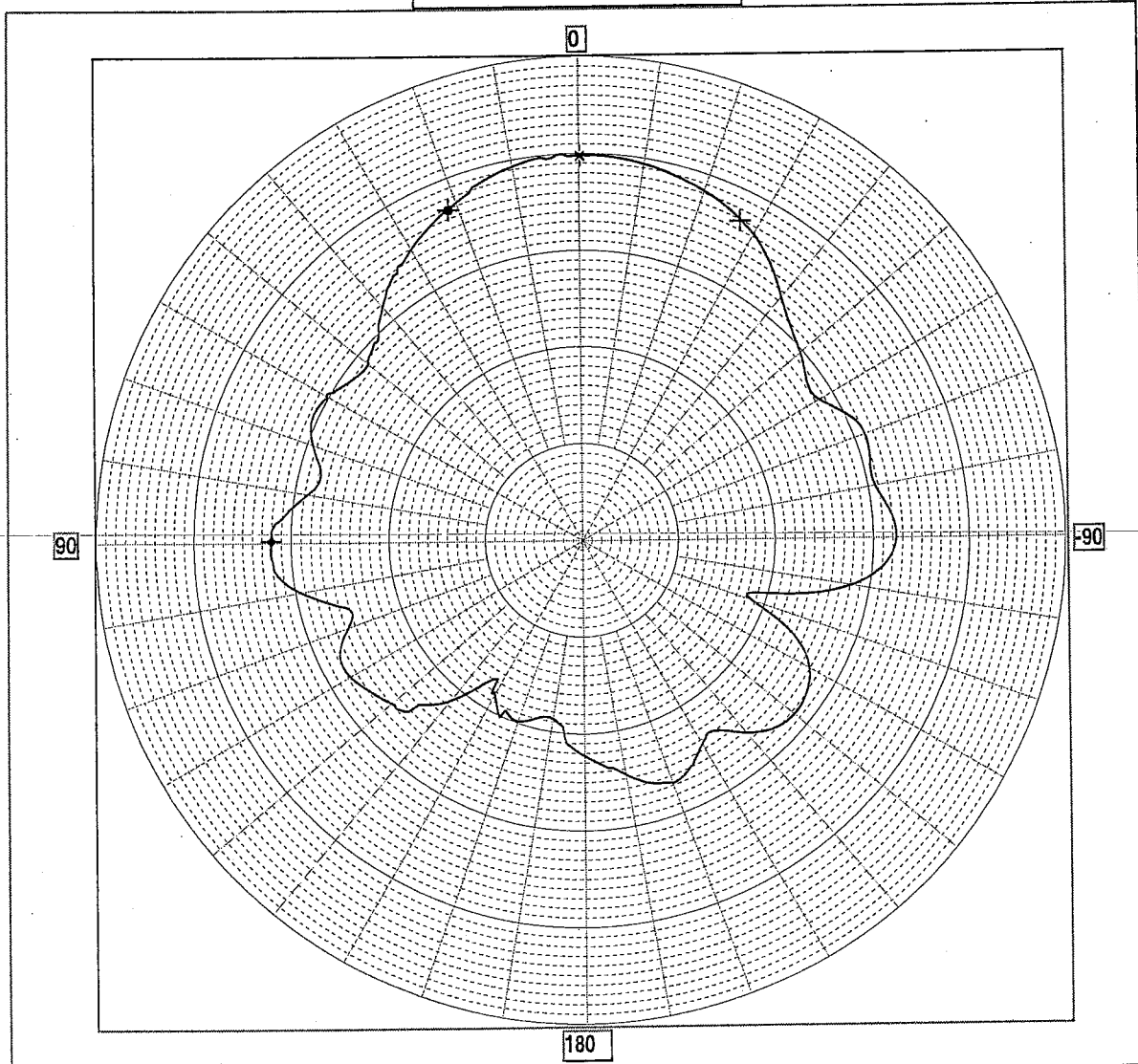
Tank 1

869 Ward Dr. Santa Barbara, CA

Tue, May 09, 2006 9:40:23 AM

Directivity Pattern XZ Plane

15 kHz



Graph Info.

Outer Circle 10 dB
Center -40 dB
dB/Div 1 dB

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Angle Ord

Cursor 1	0.00	-0.20	☐	*	☐
Cursor 2	21.53	-3.04	☐	+	☐
Cursor 3	-26.90	-2.95	☒	+	☐
Cursor 4	89.54	-7.96	☐	+	☐

